

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
15 August 2002 (15.08.2002)

PCT

(10) International Publication Number  
**WO 02/063541 A3**

(51) International Patent Classification<sup>7</sup>: **G06F 19/00**

(21) International Application Number: **PCT/US02/02043**

(22) International Filing Date: 22 January 2002 (22.01.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
09/776,484 2 February 2001 (02.02.2001) US

(71) Applicant (for all designated States except US): **MERCURYMD, INC.** [US/US]; 2605 Meridian Parkway, Suite 125, Durham, NC 27713 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **YING, Alan, J.** [US/US]; 9 Forest Oaks Drive, Durham, NC 27705 (US).

**LAWSON, William, T.** [US/US]; 4218 Ellisfield Drive, Durham, NC 27705 (US). **CROSS, Matthew** [US/US]; 212 North Duke Street, #206, Durham, NC 27701 (US). **TEAGUE, Travis** [US/US]; 212 North Duke Street, #206, Durham, NC 27701 (US).

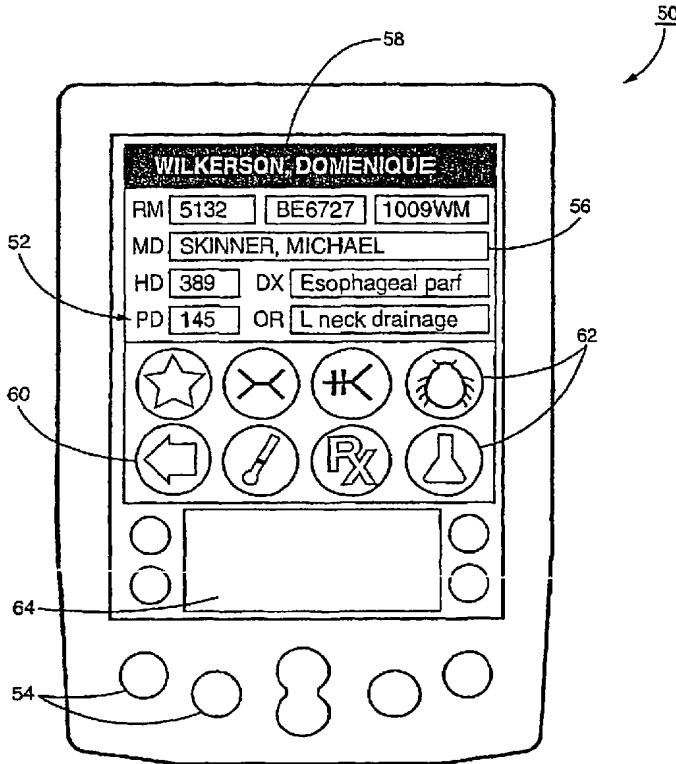
(74) Agent: **MYERS BIGEL SIBLEY & SAJOVEC**; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR PRESENTATION TO MEDICAL PROVIDERS ON MOBILE TERMINALS



(57) Abstract: A system for providing medical providers with medical records accessible from a mobile terminal in one embodiment comprises reformatting the information in a medical record database to be used with large, ergonomic icons allowing easy transitions between pages of information in the medical records. Docking stations or wireless networks may enable the mobile terminal to access the medical records. Thus, the medical provider may have bedside access to the information in the medical records to make informed decisions about treatment regimens.

WO 02/063541 A3



European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BE, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

**(88) Date of publication of the international search report:**  
13 November 2003

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

PCT/US 02/02043

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 57339 A (KONINKL PHILIPS ELECTRONICS NV) 28 September 2000 (2000-09-28)	1,3-17, 19-34
Y	page 4, line 11 - line 28 page 7, line 1 - line 15 page 14, line 17 - line 21 page 26, line 5 - line 12 page 26, line 27 - line 35 ----	2,18
Y	US 5 561 446 A (MONTLICK TERRY F) 1 October 1996 (1996-10-01) figures 5-8 column 3, line 60 -column 4, line 21 column 11, line 61 - line 65 ----	2,18
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the International search report
20 March 2003	27/03/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Sisk, A

## INTERNATIONAL SEARCH REPORT

PCT/US 02/02043

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 924 074 A (EVANS JAE A) 13 July 1999 (1999-07-13) figure 24 column 2, line 45 - line 50 column 5, line 8 - line 24 column 10, line 21 - line 28 column 14, line 62 - line 64 -----	1-34
P,X	WO 01 69446 A (WELLS BRIAN P ;INTEHEALTH INC (US); PENN ANTHONY J (US)) 20 September 2001 (2001-09-20) page 3, line 5 - line 11 page 9, line 13 - line 17 page 10, line 13 - line 14 page 12, line 4 - line 5 -----	1-34
A	US 5 867 821 A (MULHALL MICHAEL ET AL) 2 February 1999 (1999-02-02) column 1, line 65 -column 2, line 23 column 12, line 9 - line 47 -----	1-34

## INTERNATIONAL SEARCH REPORT

PCT/US 02/02043

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0057339	A	28-09-2000	WO EP	0057339 A2 1145179 A2		28-09-2000 17-10-2001
US 5561446	A	01-10-1996	NONE			
US 5924074	A	13-07-1999	AU WO US US	4603497 A 9813783 A1 6347329 B1 2002046346 A1		17-04-1998 02-04-1998 12-02-2002 18-04-2002
WO 0169446	A	20-09-2001	AU WO	4008701 A 0169446 A1		24-09-2001 20-09-2001
US 5867821	A	02-02-1999	CA	2125300 A1		12-11-1995